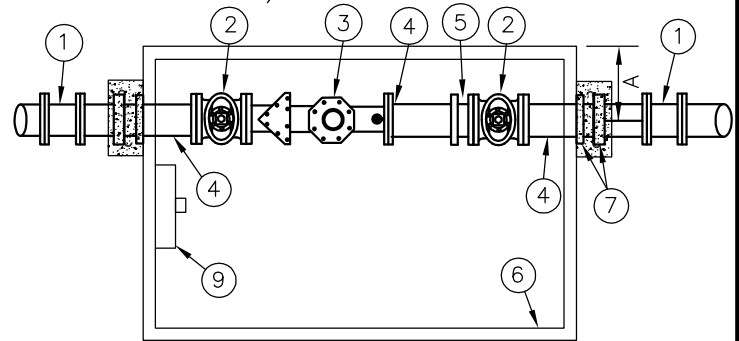


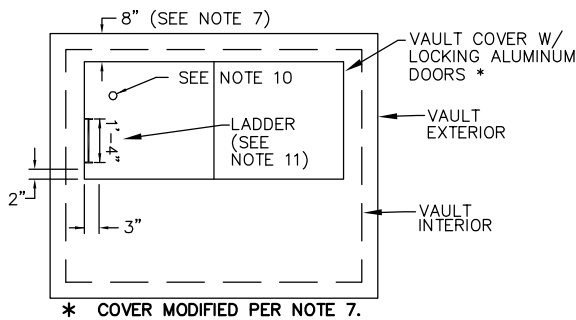
MATERIALS LIST- (ALL SIZES ARE SAME AS METER UNLESS OTHERWISE LISTED)

PLAN

- ① 2-MECH. CPLG. TO FIT, EQUAL TO ROMAC 501 (4"x3" REDUCER, M.J. FOR 3" METER INSTALLATION ON UPSTREAM SIDE OF VAULT).
- ② 2-GATE VALVE, FLANGE.
- ③ 1-SENSUS OMNI C2 METER WITH INTERNAL STRAINER WITH ELECTRONIC REGISTER RESOLUTION (100'S OF CUBIC FEET FOR 3" METER, 500 CUBIC FEET FOR 4-6" METER) REGISTER.
- ④ 1-D.I. ADPT. FL.xPE. LENGTH TO FIT.
- ⑤ 1-CPLG. ADPT., FL. ROMAC - FCA 501.
- ⑥ PRECAST CONC. VAULT BY UTILITY VAULT CO. (577-LA.) WITH TWO DIAMOND PLATE DOORS RATED FOR H-30 LOADING W/ 8" OFFSET, SEE NOTE 7.
- ⑦ WELDED FL. RESTRAINT OR MEGALUG MID-SPAN RESTRAINT AND THRUST BLOCK ADJACENT TO VAULT STANDARD DETAIL W-56.
- ⑧ CONNECT THE FOLLOWING TO METER TEST PORT. 1-2" BRASS NIPPLE, M.I.P.T. x M.I.P.T. AND 2" F.I.P.T. x 2 1/2" M.N.S.T. PLUS CAP (2 1/2" M.N.S.T.), 6" LONG 1-2" BALL VALVE, F.I.P.T. x M.I.P.T. FORD B81-777
- ⑨ 1-GALVANIZED STEEL LADDER TO BE ATTACHED TO VAULT. SEE NOTE 11.
- ⑩ TR/PL SENSOR (TO MOUNT IN VAULT ACCESS DOOR).



8. MINIMUM 2' OF LEVEL, UNOBSTRUCTED AREA AROUND HATCHES.
9. PROVIDE 24" CLEARANCE BETWEEN VAULT FLOOR & BOTTOM OF METER, WHERE ELEVATION OF VAULT FLOOR IS TOO LOW TO DRAIN TO DAYLIGHT OR STORM SYSTEM. THIS CLEARANCE CAN BE REDUCED TO A MINIMUM OF 12", IF SUBSTITUTION OF A SHORTER VAULT ALLOWS FLOOR TO DRAIN TO DAYLIGHT OR STORM SYSTEM (APPROVED BY THE UTILITY ON A CASE BY CASE BASIS ONLY.) SUBSTITUTE VAULT AS FOLLOWS: 575-LA WITH LW PRODUCTS HHD-48"x48" COVER (WITH SPECIAL OFFSET) ALLOWED ONLY ON 3" AND 4" METERS.
10. PROVIDE 2 1/4" DIAM. OPENING IN ALUMINUM HATCH DOOR FOR TR/PL SENSOR.
11. LADDER TO BE BOLTED TO VAULT FLOOR AND TO VAULT WALL AT THREE LOCATIONS. RUNGS SHALL BE SPACED AT 12" ON CENTER. LADDER SHALL INCLUDE BILCO MODEL LU-2 LADDER-UP. SEE DETAIL 19.
12. A FULL FLOW BYPASS MAY BE REQUIRED, DEPENDING ON APPLICATION. TO BE DETERMINED BY THE CITY.



ELEVATION

